

AD-5: Expand Use of 3-Mile Separation Standard

AD-5.1 Expansion of Terminal Procedure Applications

Key Risks

- Environmental impact assessment may be required. The implementation timeframe for these projects could increase significantly depending on the level of environmental assessment required by the proposed change.

AD-5.2 Single Facility for En Route and Terminal Operations in New York

Key Risks

- Significant environmental analysis will need to be completed. The current NY/NJ/PHL redesign includes environmental analysis to support new airspace and procedures, but does not include environmental analysis for a new building. Environmental impact assessment for a new building will be needed and has not been included in current environmental plans for NY/NJ/PHL Redesign.
- Determine affordability of proposed consolidation of operations. Cost-benefit assessment of the single-facility concept must be completed, and a decision must be made as to how to proceed with the building portion of the concept.
- Several infrastructure changes will be required to implement this concept. Current plans have identified these needed changes and teams are being formed to conduct necessary analysis. Issues being examined by AEA include:
 - Rerouting communications and radar data to the consolidated facility or (for high altitude airspace) to the Boston and Washington ARTCCs.
 - Providing the kind of radar coverage that would permit use of three-mile separation throughout the airspace in question, including the surveillance data processing that would be required.
 - Providing flight data processing for the consolidated facility.
 - Creating the necessary infrastructure (e.g., power supply, cooling) associated with the building in which a consolidated facility would reside.
- Security and contingency planning issues must be identified and resolved.

AD-5.3 TRACON Consolidation

Key Risks

- Several infrastructure changes will be required to implement facility consolidation:
 - Rerouting communications and radar data to the consolidated facility.

- Providing flight data processing for the consolidated facility.
- Creating the necessary infrastructure (e.g., power supply, cooling) associated with the building in which a consolidated facility would reside.
- NATCA has stated that they do not support additional TRACON consolidation.
- Security and contingency planning issues must be identified and resolved.